

In the Specification:

Please amend the paragraph at Col. 2, lines 50-55 as follows:

An electronic identification system which can be used as a radio frequency identification device, arbitration schemes, and various applications for such devices are described in detail in commonly assigned U.S. patent application Ser. No. 08/705,043, filed Aug. 29, 1996, now U.S. Patent No. 6,130,602, which is [and] incorporated herein by reference.

Amend the paragraph at Col. 4, lines 1-14 as follows:

FIG. 1 illustrates a wireless identification device 12 in accordance with one embodiment of the invention. In the illustrated embodiment, the wireless identification device is a radio frequency data communication device 12, and includes RFID circuitry 16. The device 12 further includes at least one antenna 14 connected to the circuitry 16 for wireless or radio frequency transmission and reception by the circuitry 16. In the illustrated embodiment, the RFID circuitry is defined by an integrated circuit as described in the above-incorporated patent application Ser. No. 08/705,043, filed Aug. 29, 1996, now U.S. Patent No. 6,130,602. Other embodiments are possible. A power source or supply 18 is connected to the integrated circuit 16 to supply power to the integrated circuit 16. In one embodiment, the power source 18 comprises a battery.

Amend the paragraph at Col. 4, lines 15-22 as follows:

The device 12 transmits and receives radio frequency communications to and from an interrogator 26. An exemplary interrogator is described in commonly assigned U.S.

patent application Ser. No. 08/907,689, filed Aug. 8, 1997, now U.S. Patent No. 6,289,209, which is [and] incorporated herein by reference. Preferably, the interrogator 26 includes an antenna 28, as well as dedicated transmitting (e.g., modulator) and receiving circuitry, similar to that implemented on the integrated circuit 16.

Amend the paragraph at Col. 4, lines 42-47 as follows:

The radio frequency data communication device 12 can be included in any appropriate housing or packaging. Various methods of manufacturing housings are described in commonly assigned U.S. patent application Ser. No. 08/800,037, filed Feb. 13, 1997, now U.S. Patent No. 5,988,510, which is [and] incorporated herein by reference.

Amend the paragraph at Col. 5, lines 7-12 as follows:

The circuitry 16 further includes a backscatter transistor and is configured to provide a responsive signal to the interrogator 26 by radio frequency. More particularly, the circuitry 16 includes a transmitter, a receiver, and memory such as is described in U.S. patent application Ser. No. 08/705,043, now U.S. Patent No. 6,130,602.

Amend the paragraph at Col. 11, lines 41-46 as follows:

Aloha methods are described in [a] commonly assigned patent application [naming Clifton W. Wood, Jr. as an inventor, U.S. patent application] Ser. No. 09/026,248, filed Feb. 19, 1998, [titled "Method of Addressing Messages and Communications System," filed concurrently herewith, and] , now U.S. Patent No. 6,275,476, which is incorporated herein by reference.

CERTIFICATE OF CORRECTION

In order to incorporate those corrections made in the Certificate of Correction issued March 19, 2002, Applicants amend the application as follows (MPEP 1411.01):

Amend the paragraph at Col. 1, lines 11-18, as follows:

This invention relates to communications protocols and to digital data communications. Still more particularly, the invention relates to data communications protocols in mediums such as radio communication or the like. The invention also relates to radio frequency identification devices for inventory control, object monitoring, determining the existence, location or movement of objects, or for remote automated[.] payment.

Amend the paragraph at Col. 8, lines 25-34, as follows:

The symbol "<<" represents a bitwise left shift. "<<" means shift left by one place. Thus, 0001<<1 would be 0010. Note, however, that AMASK is originally called with a value of zero, and 0000<<1 is still 0000. Therefore, for the first recursive call, $AMASK = (AMASK << 1) + 1$. So for the first recursive call, the [vale] value of AMASK is $0000 + 0001 = 0001$. For the second call, $AMASK = (0001 << 1) + 1 = 0010 + 1 = 0011$. For the third recursive call, $AMASK = (0011 << 1) + 1 = 0110 + 1 = 0111$.

Please amend Claim 1, at Col. 8, line 20, as follows:

1. A method of establishing wireless communications between an interrogator and individual ones of multiple wireless identification devices, the wireless identification

devices having respective identification numbers and being addressable by specifying identification numbers with any one of multiple possible degrees of precision, the method comprising utilizing a tree search in an arbitration scheme to determine a degree of precision necessary to establish one-on-one communications between the interrogator and individual ones of the multiple wireless identification[[,]] devices, a search tree being defined for the tree search method, the tree having multiple selectable levels respectively representing subgroups of the multiple wireless identification devices, the level at which a tree search starts being variable the method further comprising starting the tree search at any selectable level of the search tree.